



TYPE: amino acids  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Escherichia coli  
STRAIN: W3110  
US-09-065-104-1

Query Match 39.5%; Score 648.5; DB 4; Length 273;  
Best Local Similarity 50.8%; Pred. No. 1.3e-65;  
Matches 132; Conservative 51; Mismatches 72; Indels 5; Gaps 2;

QY 43 EDDDDVIMKLEAKSDVYKQEPILSNYYASTSRSLAHLTKSLNLPSTNL 102  
DB 4 EELEIWMNNIKAEATLDCCPEMLASFHATLTKHENIGSLSTMLANKSSPTMPAI 63  
QY 103 FELEISVLEESPEITESKODLIANKERDPACISYHCFGLACQAHRIANTLMKQ 162  
DB 64 REVEEATVADPEMTASACDIOAVRTDPADVKSPTFLYKGFHALQAVRIGHWIMNQ 123  
QY 163 NRKIALLIONRSEFVADIHHPGAKIGKILLDHATGVYGETAVGVDSILHGVTLG 222  
DB 124 GRRLAIFLQNVSVTPVDIHPAKIGRGIMLDHATGVYGETAVGIENDVSTILQSVTLG 183  
QY 223 GTGKQSGDRHPRKIGDGVILGAGSCILGNTTIGEGAKIGSGSVYKDPARTAVGNPARI 282  
DB 184 GTGKQSGDRHPRKIGDGVILGAGSCILGNTTIGEGAKIGSGSVYKDPARTAVGNPARI 243  
QY 283 IGGKENPRKHPRKICPLTMDQ 302  
DB 244 VGKPPDS-----DK-PSMDMDQ 258

RESULT 2  
US-08-846-762-6  
Sequence 6, Application US/0846762A  
Patent No. 5994072  
GENERAL INFORMATION:  
APPLICANT: Lam, Joseph S.  
APPLICANT: Burrows, Lori  
APPLICANT: Charter, Deborah  
APPLICANT: de Kievit, Teresa  
TITLE OF INVENTION: of O-Antigen in Pseudomonas Aeruginosa  
FILE REFERENCE: 6580-089  
CURRENT APPLICATION NUMBER: US/08/846,762A  
CURRENT FILING DATE: 1997-04-30  
NUMBER OF SEQ ID NOS: 100  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 6  
LENGTH: 160  
TYPE: PRP  
ORGANISM: Pseudomonas aeruginosa  
US-08-846-762-6

Query Match 8.9%; Score 145.5; DB 2; Length 160;  
Best Local Similarity 32.6%; Pred. No. 1.2e-08;  
Matches 42; Conservative 18; Mismatches 42; Indels 27; Gaps 3;

QY 181 VDIHPGAKIGKILLDHATGVYGETAVGD-----NVSILHGVTL----- 221  
DB 27 VHTCAGARIGAGVSL--GQNVFVGKRVYIGDRCKIQNNVSVYDNTLLEBGFVCGPSMWFT 84  
QY 222 -----GGTGKQSGDRHPRKIGDGVILGAGSCILGNTTIGEGAKIGSGSVYKDPARTTA 275  
DB 85 NVYNPRSLIERKQDYRNTLVKKATIGANCTIVCGVTIGETAVGAVINKNPVSALM 144  
QY 276 VGNPARIIG 284  
DB 145 VGVPARQIG 153

RESULT 3  
US-08-846-762-75  
Sequence 75, Application US/08846762A  
Patent No. 5994072  
GENERAL INFORMATION:  
APPLICANT: Lam, Joseph S.  
APPLICANT: Burrows, Lori  
APPLICANT: Charter, Deborah  
APPLICANT: de Kievit, Teresa  
TITLE OF INVENTION: of O-Antigen in Pseudomonas Aeruginosa  
FILE REFERENCE: 6580-089  
CURRENT APPLICATION NUMBER: US/08/846,762A  
CURRENT FILING DATE: 1997-04-30  
NUMBER OF SEQ ID NOS: 100  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 75  
LENGTH: 163  
TYPE: PRP  
ORGANISM: Pseudomonas aeruginosa  
US-08-846-762-75

Query Match 8.9%; Score 145.5; DB 2; Length 163;  
Best Local Similarity 32.6%; Pred. No. 1.2e-08;  
Matches 42; Conservative 18; Mismatches 42; Indels 27; Gaps 3;

QY 181 VDIHPGAKIGKILLDHATGVYGETAVGD-----NVSILHGVTL----- 221  
DB 27 VHTCAGARIGAGVSL--GQNVFVGKRVYIGDRCKIQNNVSVYDNTLLEBGFVCGPSMWFT 84  
QY 222 -----GGTGKQSGDRHPRKIGDGVILGAGSCILGNTTIGEGAKIGSGSVYKDPARTTA 275  
DB 85 NVYNPRSLIERKQDYRNTLVKKATIGANCTIVCGVTIGETAVGAVINKNPVSALM 144  
QY 276 VGNPARIIG 284  
DB 145 VGVPARQIG 153

RESULT 4  
US-08-971-782-4  
Sequence 4, Application US/08971782  
Patent No. 6043071  
GENERAL INFORMATION:  
APPLICANT: Wallis, Nicola G.  
APPLICANT: Shilling, Lisa K.  
APPLICANT: Jaworski, Deborah D.  
APPLICANT: Wang, Min  
APPLICANT: Mooney, Jeffrey L.  
APPLICANT: Debouck, Christine M.  
TITLE OF INVENTION: No. 6043071el GIMU  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESS: Dechart Price & Rhoads  
STREET: 4000 Bell Atlantic tower, 1717 Arch stre  
CITY: Philadelphia  
STATE: PA  
COUNTRY: US  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/971,782  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/050,996  
 FILING DATE: 26-JUN-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dickinson, Todd O  
 REGISTRATION NUMBER: 28,354  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-994-2252  
 TELEFAX: 215-994-2222  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 380 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-971-782-4

Query Match  
 Best Local Similarity 32.1%; Score 132.5; DB 3; Length 380;  
 Matches 36; Conservative 19; Mismatches 44; Indels 13; Gaps 5;

QY 174 RVSEFAVDH-----PGAIGKGLLDHATGVIGETAVGDNVSLHG-VTLGGTG 225  
 Db 253 RPNSSLAQVHIGNFVEVKSSIGENTKAGHLT--YIG-SCVGSNNFAGITTVNYDG 309  
 QY 226 KOSGDRHPRKIGDVLGAGSCILGNTTIGEGAKIGSGSVVVKDPARTAVG 277  
 Db 310 KMK--YKTVIGDNVFGVSNSTIIAPVELGNSLVGAGSTTKVDPADALAIIG 359

RESULT 5  
 US-09-309-026-4  
 Sequence 4, Application US/09309026  
 Patent No. 6204042  
 GENERAL INFORMATION:  
 APPLICANT: Wallis, Nicola G.  
 APPLICANT: Shilling, Lisa K.  
 APPLICANT: Jaworski, Deborah D.  
 APPLICANT: Wang, Min  
 APPLICANT: Mooney, Jeffrey L.  
 APPLICANT: Debouck, Christine M.  
 APPLICANT: Zhong, Yi Yi  
 TITLE OF INVENTION: No. 6204042el glmu  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dechert Price & Rhoads  
 STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: US  
 ZIP: 19103  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 FILING DATE:  
 APPLICATION NUMBER: US/09/309.026  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/971,782  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dickinson, Todd O  
 REGISTRATION NUMBER: 28,354  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-994-2252  
 TELEFAX: 215-994-2222  
 TELEX:

INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 380 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-309-026-4

Query Match  
 Best Local Similarity 32.1%; Score 132.5; DB 4; Length 380;  
 Matches 36; Conservative 19; Mismatches 44; Indels 13; Gaps 5;

QY 174 RVSEFAVDH-----PGAIGKGLLDHATGVIGETAVGDNVSLHG-VTLGGTG 225  
 Db 253 RPNSSLAQVHIGNFVEVKSSIGENTKAGHLT--YIG-SCVGSNNFAGITTVNYDG 309  
 QY 226 KOSGDRHPRKIGDVLGAGSCILGNTTIGEGAKIGSGSVVVKDPARTAVG 277  
 Db 310 KMK--YKTVIGDNVFGVSNSTIIAPVELGNSLVGAGSTTKVDPADALAIIG 359

RESULT 6  
 US-08-971-782-2  
 Sequence 2, Application US/08971782  
 Patent No. 6043071  
 GENERAL INFORMATION:  
 APPLICANT: Wallis, Nicola G.  
 APPLICANT: Shilling, Lisa K.  
 APPLICANT: Jaworski, Deborah D.  
 APPLICANT: Wang, Min  
 APPLICANT: Mooney, Jeffrey L.  
 APPLICANT: Debouck, Christine M.  
 APPLICANT: Zhong, Yi Yi  
 TITLE OF INVENTION: No. 6043071el glmu  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dechert Price & Rhoads  
 STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: US  
 ZIP: 19103  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 FILING DATE:  
 APPLICATION NUMBER: US/08/971,782  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/050,996  
 FILING DATE: 26-JUN-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dickinson, Todd O  
 REGISTRATION NUMBER: 28,354  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-994-2252  
 TELEFAX: 215-994-2222  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 459 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-971-782-2

Query Match 8.1%; Score 132.5; DB 3; Length 459;

us-09-486-334-2.rai

Page 4

OY 174 RSESPAVDII-----PGAKIKGILLHANGVYIGFPAVDGVLSLLR-VILSAIG 2

OY 332 RPMSISLAQVHIENFEVKGSSIGENFKAGILT--YIG-SCIEGSVNNGASTITVNTDG 389

Dd Db OY 226 KQSGDRHPKICGGVLIGASCTILGITTFEAKIGSGSVAVKDKVPARTAAVG 277

OY 389 KNK--KYTVIGDNVFPGNSSTIIAPVELGDSNLVAGASTTKDKVPADATAIG 438

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1 APPLICATION NUMBER: 08/071,782  
2 FILING DATE:  
3 CLASSIFICATION:  
4 PRIOR APPLICATION DATA:  
5 APPLICATION NUMBER: 08/971,782  
6  
7 FILING DATE:  
8 ATTORNEY/AGENT INFORMATION:  
9 NAME: Dickinson, Todd O  
10 REGISTRATION NUMBER: 28,354  
11 REFERENCE/DOCKET NUMBER: GM10024  
12 TELECOMMUNICATIONS INFORMATION:  
13 TELEPHONE: 215-994-2252  
14 TELEFAX: 215-994-2222  
15  
16  
17 INFORMATION FOR SEQ ID NO: 2:  
18 SEQUENCE CHARACTERISTICS:  
19 LENGTH: 459 amino acids  
20 TYPE: amino acid  
21 STRANDEDNESS: single  
22 TOPOLOGY: linear  
23  
24 US-09-309-026-2

0Y 174 RYSEFAVDIH-----PGAKIGKILLDHATGVIGETAVVGDNNILHG-VTLGGVG 422  
| : | | : || | : |||| : | : |  
DB 332 PBNSSIGAOVHICGFVEVKGSSTGENTAGHLT-YIG-SCENVGSNVNFGACITTVNYDG 388

QY 226 KQSDRRHPTIGDGVLLTGAGSCILGNTTIGEGAKITGGSVVKKDVDPARTAVG 277  
| ||| | : | : : : : : : : : : : : : : : : :  
Db 389 KNK - YKTIVIGDNWFGNSSTIIAPVELGDNLSVGAGSITTKVDPADALAIG 438

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Patent No. 5994072
GENERAL INFORMATION:
APPLICANT: Lam, Joseph S.
APPLICANT: Burrows, Lori
APPLICANT: Charteris, Deborah
APPLICANT: de Kievit, Teresa
TITLE OF INVENTION: No. 5994072el Proteins Involved in the Synthesis and Assembly
of O-Antigen in Pseudomonas Aeruginosa
FILE REFERENCE: 6580-089
CURRENT APPLICATION NUMBER: US/08/846,762A
CURRENT FILING DATE: 1997-04-30
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 76
LENGTH: 191
TYPE: prt
ORGANISM: Pseudomonas aeruginosa
US-08-846-762-76

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[illegible]

RESULT 9  
US-08-597-236-9  
; Sequence 9, Application US/08597236  
; Patent No. 5733765

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1 COMPUTER READABLE FORM:  
 2 MEDIUM TYPE: Floppy disk  
 3 COMPUTER: IBM PC compatible  
 4 OPERATING SYSTEM: PC-DOS/MS-DOS  
 5 SOFTWARE: Patent in Release #1.0, Version #1.30  
 6 CURRENT APPLICATION DATA:  
 7 APPLICATION NUMBER: US/08/597,236  
 8 FILING DATE:  
 9 CLASSIFICATION: 426  
 10 PRIOR APPLICATION DATA:  
 11 APPLICATION NUMBER: EP 95201669.9  
 12 FILING DATE: 20-JUN-1995  
 13 ATTORNEY/AGENT INFORMATION:  
 14 NAME: Fannucci A., Allan

REGISTRATION NUMBER: 30256  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 159 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-597-236-9

Query Match 5.9%; Score 97.5; DB 1; Length 159;  
Best Local Similarity 26.5%; Pred. No. 0.0034;  
Matches 31; Conservative 15; Mismatches 36; Indels 35; Gaps 3;

QY 188 KIGKGLLDHA-----TGVIGETAVVGDVNSIL-----HGVTL 221  
DB 45 KSGKVIIGNHVFNNFNCISINAMLSVTIGDCIFGENVKYIDHNHCYQNKSPISKQGFST 104  
QY 222 GGTGKQSGDRHPRKIGDGLVIGAGSCILGNTTIGEGAKIGSGSVVVKDPARTAVGN 278  
DB 105 AAI-----QIGRNCWIGSOVYTLKGVTLIGDNSITIGAGVYVYQDVPENSIVLSN 152

RESULT 10  
US-08-746-682A-9  
Sequence 9, Application US/08746682A  
Patent No. 5786184  
GENERAL INFORMATION:  
APPLICANT: STINGELE, Francesca  
APPLICANT: MOLLET, Beat  
TITLE OF INVENTION: LACTIC BACTERIA PRODUCING  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americans  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/746,682A  
FILING DATE: 14-NOV-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/597,236  
FILING DATE: 20-JUN-1995  
APPLICATION NUMBER: EP 95201669.9  
FILING DATE: 20-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Fannucci A., Allan  
REGISTRATION NUMBER: 30256  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 159 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-746-682A-9

Query Match 5.9%; Score 97.5; DB 1; Length 159;  
Best Local Similarity 26.5%; Pred. No. 0.0034;  
Matches 31; Conservative 15; Mismatches 36; Indels 35; Gaps 3;  
QY 188 KIGKGLLDHA-----TGVIGETAVVGDVNSIL-----HGVTL 221  
DB 45 KSGKVIIGNHVFNNFNCISINAMLSVTIGDCIFGENVKYIDHNHCYQNKSPISKQGFST 104

QY 222 GGTGKQSGDRHPRKIGDGLVIGAGSCILGNTTIGEGAKIGSGSVVVKDPARTAVGN 278  
DB 105 AAI-----QIGRNCWIGSOVYTLKGVTLIGDNSITIGAGVYVYQDVPENSIVLSN 152

RESULT 11  
US-08-975-762-56  
Sequence 56, Application US/08975762  
Patent No. 6207169  
GENERAL INFORMATION:  
APPLICANT: Reed, Steven G.  
APPLICANT: Lodes, Michael J.  
APPLICANT: Houghton, Raymond  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND  
NUMBER OF SEQUENCES: 73  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/975,762  
FILING DATE: 21-MAR-1997  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: MAKI, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.439  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-622-4900  
TELEFAX: 206-682-6031  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 197 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-975-762-56

Query Match 5.7%; Score 94; DB 4; Length 197;  
Best Local Similarity 25.5%; Pred. No. 0.012;  
Matches 36; Conservative 17; Mismatches 42; Indels 46; Gaps 6;  
QY 159 LMKRNRIVALLIQNRVSEFAVDIHPGAKIGKGLLDHA-----TGVIGETAVVG 210  
DB 7 LMCARKTIMCRLKNT-----GCEVMEVLEVYPVAGVSPVSTAFIAGYARIIG 56  
QY 211 D-----NVSILHGVTLGG-----TGKQSGDRHPRKIGGVILIGAGS 245  
DB 57 DVCIGNASIMYGTVLRGVDKIEVGEGTINIDNTVVRHDSMHD--TVIGKFTVIG-HS 113  
QY 246 CILGNTTIGEGAKIGSGSVV 266  
DB 114 CILHACTLGNNAFVGMSIYM 134

RESULT 12  
US-09-188-579-85  
Sequence 85, Application US/09188579B  
Patent No. 6107040  
GENERAL INFORMATION:  
APPLICANT: Shuman, Stewart  
TITLE OF INVENTION: Pharmacological Targeting of mRNA Cap Formation

FILE REFERENCE: D6185  
CURRENT APPLICATION NUMBER: US/09/188,579B  
CURRENT FILING DATE: 1998-11-09  
NUMBER OF SEQ ID NOS: 114  
SEQ ID NO 85  
LENGTH: 168  
TYPE: PRT  
ORGANISM: baculovirus  
FEATURE:  
OTHER INFORMATION: Amino acid sequence of RNA baculovirus phosphatase BVP.  
US-09-188-579-85

Query Match 5.5%; Score 90; DB 3; Length 168;  
Best Local Similarity 22.2%; Pred. No. 0.027;  
Matches 34; Conservative 24; Mismatches 53; Indels 42; Gaps 8;

QY 17 DSRFCIKNFRGFSVNRKIHHTQIEDDDVWIKMLEAKSDVKOEPL-----SN 68  
DB 18 DSNLFCFKPLRPEL-----FAYVTSEEDW-----TAEQIVKQNSIGAIIDLTNTS 65  
QY 69 YYASITSHRSLESALAHILSVKLSNLNLPSTLFEFLFISVLEESPELLESTKODLIAYK 128  
DB 66 KYIDGV---HFLRAGLLY-KKIQVPGQTLPPESIVGEFIDIVKE-----FT 107  
QY 129 ERDPACISVHCFLGFK--GFLACQAHRIAHTL 159  
DB 108 EKCPCMLVGVHCTHGINRTGYWCR--YLMHTL 138

## RESULT 13

US-09-315-444-85  
Sequence 85, Application US/09315444A  
Patent No. 6232070  
GENERAL INFORMATION:  
APPLICANT: Shuman, Stewart  
TITLE OF INVENTION: Pharmacological Targeting of mRNA Cap Formation  
FILE REFERENCE: D6185CIP  
CURRENT APPLICATION NUMBER: US/09/315,444A  
CURRENT FILING DATE: 1999-05-20  
PRIOR APPLICATION NUMBER: US 09/188,579  
PRIOR FILING DATE: 1998-11-09  
NUMBER OF SEQ ID NOS: 116  
SEQ ID NO 85  
LENGTH: 168  
TYPE: PRT  
ORGANISM: baculovirus  
FEATURE:  
OTHER INFORMATION: Amino acid sequence of RNA baculovirus phosphatase BVP.  
US-09-315-444-85

Query Match 5.5%; Score 90; DB 4; Length 168;  
Best Local Similarity 22.2%; Pred. No. 0.027;  
Matches 34; Conservative 24; Mismatches 53; Indels 42; Gaps 8;

QY 17 DSRFCIKNFRGFSVNRKIHHTQIEDDDVWIKMLEAKSDVKOEPL-----SN 68  
DB 18 DSNLFCFKPLRPEL-----FAYVTSEEDW-----TAEQIVKQNSIGAIIDLTNTS 65  
QY 69 YYASITSHRSLESALAHILSVKLSNLNLPSTLFEFLFISVLEESPELLESTKODLIAYK 128  
DB 66 KYIDGV---HFLRAGLLY-KKIQVPGQTLPPESIVGEFIDIVKE-----FT 107  
QY 129 ERDPACISVHCFLGFK--GFLACQAHRIAHTL 159  
DB 108 EKCPCMLVGVHCTHGINRTGYWCR--YLMHTL 138

RESULT 14  
US-08-190-802A-63  
Sequence 63, Application US/08190802A  
Patent No. 5519003

GENERAL INFORMATION:  
APPLICANT: Mochly-Rosen, Daria  
APPLICANT: Ron, Dorit  
TITLE OF INVENTION: WD-40 - Derived Peptides and Uses  
NUMBER OF SEQUENCES: 265  
CORRESPONDENCE ADDRESS:  
ADDRESS: Delinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/190,802A  
FILING DATE: 01-FEB-1994  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 8600-0139  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 713 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: TUP1, Fig. 46  
US-08-190-802A-63

Query Match 5.3%; Score 87; DB 1; Length 713;  
Best Local Similarity 18.8%; Pred. No. 0.62;  
Matches 52; Conservative 40; Mismatches 88; Indels 96; Gaps 11;

QY 15 DDDRFCCIK-----NFRGFSVNRKIHHTQIEDDDVWIKMLEAKSDVKOEPLSN 69  
DB 342 DHTSVCCVAFKSNDEFLATGCKNTQYRV---SDGSLVARLSDSANNHRNSITENN 398  
QY 70 YYASITSHRSLESALAHILSVKLSNLNLPSTLFEFLFISVLEESPELLESTKODLIAYK 119  
DB 399 TTTSTDNNTMTTTTTTTTTTAMTSAELAKDVENLTSSPSSDIYINSV----- 449  
QY 120 TKODLIAYKERDPACISVHCFLGFKGFLACQAHRIAHTLWK-QNRRIYALLIONRVSES 178  
DB 450 -----CFSPDGKFLATGAEDRLIRIMDIENKKIV-MILQGEQDI 488  
QY 179 FAYDIHFGAKIGKILLDHATGVIGETAVGDNVSLILGVTILGKSGDRHPKIGCG 238  
DB 489 YSLDPEPS-----GDKLVSG-----SGDRVAVIMD- 513  
QY 239 VLAGAGSCIL-----GNTRI-----GEGAKIGSGV 264  
DB 514 --LRTGCSLTSLIEDGVTTIVANPSDGTIAAGSL 547

RESULT 15  
US-09-032-372-12  
Sequence 12, Application US/09032372  
Patent No. 6008337  
GENERAL INFORMATION:  
APPLICANT: Bandman, Olga

Job time: 45 sec

APPLICANT: Hillman, Jennifer L.  
APPLICANT: Corley, Neil C.  
APPLICANT: Guegler, Karl J.  
APPLICANT: Yue, Henry  
APPLICANT: Lai, Preei  
TITLE OF INVENTION: CELL CYCLE RELATED PROTEINS  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Drive  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/032,372  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0478 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-855-0555  
TELEFAX: 650-845-4166  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 361 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: GenBank  
CLONE: 1292898  
US-09-032-372-12

Query Match 5.1%; Score 84.5; DB 3; Length 361;

Best Local Similarity 20.3%; Pred. No. 0.39;  
Matches 59; Conservative 46; Mismatches 118; Indels 67; Gaps 14;

QY 50 IKMLEEA-KSD-----VKQEPILSNYYASITSHRSIESLAHILSVKLSN-----L 95  
Db 90 LKLAEDVLRKDNSPFVLNSDVICXPFKELADPHKAHGSGTIVATKYDEPSKYGVIWA 149  
QY 96 NLPSNTFELFISVLEE-----SPETLESTKODLIAV-KERDPACIS----Y 137  
Db 150 DIATPNLIDRFVFKPKFVGNRNINAGLYIINPEVIDLIEKPTSIKETPPIIVEEKQLY 209  
QY 138 VHCFLG-----KGFACQAHRIAHTLWKONRKIV--ALLIONRVSESFAVDIHPGAK 188  
Db 210 SFDLEGFMVDVGQPKDFLSGTVLVYLSLAKRQPKLATGANIVGNALIDPTA-KISSTAK 268  
QY 189 IKGILDLDAHTGVIGTAVGDNVSLHGVTLGGTGKQSGDRHPKIGDGVILGAGSCIL 248  
Db 269 IG-----PDVVIGPNVTIGDGVRTSRSVL-----CNSTIKNSLIVKSTIVG----- 310  
QY 249 GNITIGGAKIGSGSVVKKDVPARTTAVGNPARLIGGKENPRK--HDKIP 296  
Db 311 WNSTVGQMCRLSEGVTVLGDDVEVKKDEIYIN-----GSKVLPHKSIDSNVP 355

Search completed: August 21, 2001, 12:06:58

Tue Aug 21 12:47:47 2001

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